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## UTILITY PATENT APPLICATION

2183-6047US Attorney Docket No. First Inventor July 18, 2003

| TRANSMITTAL   |  |                        | Title            | HA-1 EPITO   | OPES /  | AND USES THER              | EOF           |
|---|--|------------------------|------------------|--|---------|----------------------------|---------------|
| (Only for n   | ew nonprovisional applications un                              | der 37 C.F.R. 1.53(b)) | Expres           | s Mail Label I   | No.     | EV 348041943 U             | s             |
| APPLICATION ELEMENTS  |  |                        |                  | Mail Stop Patent Application Commissioner for Patents P.O. Rev 1450 P.O. Por 1450 P.O. |         |                            |               |
|   | EP chapter 600 concerning utility patent application contents. |                        |                  | Alexandria, VA 22313-1450  |         |                            |               |
| 1.  Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2.  Applicant claims small entity status. See 37 CFR 1.27.  3.  Specification [Total Pages 82].]  (preferred arrangement set forth below)  - Descriptive title of the Invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4.  Drawing(s) (35 U.S.C.113) [Total Sheets 20]  5. Oath or Declaration [Total Pages]  a.  Newly executed (original or copy)  b.  Copy from a prior application (37 CFR 1.63 (d))  (for a continuation/divisional with Box 18 completed)  i.  DELETION OF INVENTOR(S) |  |                        | 9 10 11 12 13 14 | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)   |         |                            |               |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76   |  |                        |                  | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:   |         |                            |               |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No: 09 / 489,760  Prior application information: Examiner P. Huynh Group / Art Unit: 1644  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.   |  |                        |                  |  |         |                            |               |
| 19. CORRESPONDENCE ADDRESS  |  |                        |                  |  |         |                            |               |
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| Name (Print/Type) Allen C. Turner Registration No. (Attorney/Agent) 33,041  |  |                        |                  |  |         |                            |               |
| Signature   Date   July 18, 2003  |  |                        |                  |  |         |                            | July 18, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

